

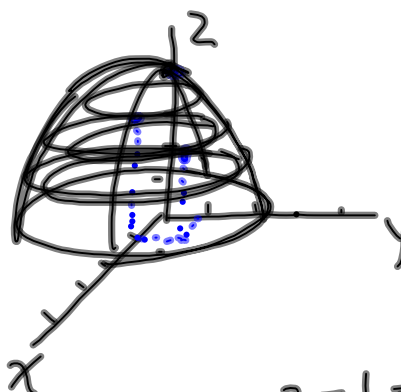
$$z = f(x, y)$$

$$z = 4 - x^2 - y^2$$

$$\text{let } x=0 \\ y=0$$

x	y	z
0	0	4
1	0	3
1	1	2

$$\text{let } z=0 = 4 - x^2 - y^2 \\ x^2 + y^2 = 4$$



$$z=1 = 4 - x^2 - y^2 \\ x^2 + y^2 = 3$$

May 17-7:19 AM

$$z = x^2 - y^2$$

$$z = \sin \sqrt{x^2 + y^2}$$

$$z = \frac{\sin(x^2 + y^2)}{x^2 + y^2}$$

$$z = e^{-(x^2 + y^2)}$$

$$z = 1 + x - y$$

May 17-8:01 AM